

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 July 2005 (07.07.2005)

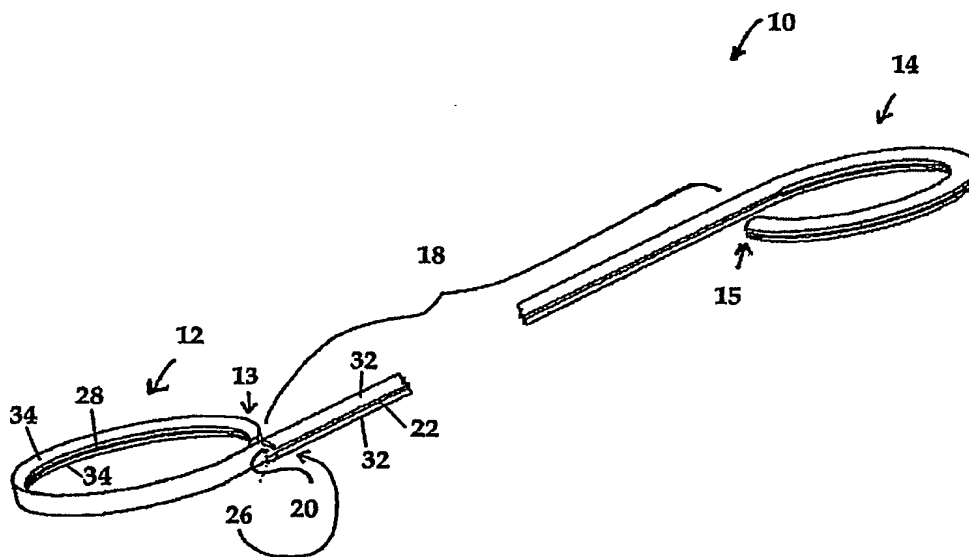
PCT

(10) International Publication Number
WO 2005/060868 A1

- (51) International Patent Classification⁷: **A61F 2/00**, 2/36, A61M 5/00
- (74) Agents: KAMHOLZ, Scott, E. et al.; Patent Group, Foley Hoag LLP, Seaport World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2600 (US).
- (21) International Application Number: PCT/US2004/010904
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 9 April 2004 (09.04.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 10/731,262 5 December 2003 (05.12.2003) US
- (81) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (for all designated States except US): FOSSA MEDICAL, INC. [US/US]; 580 Harrison Boulevard, 4th Floor, Boston, MA 02118 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): KOLB, Gloria, Ro [US/US]; 308 Quarry Street #501, Quincy, MA 02169 (US).
- Published:
— with international search report

[Continued on next page]

(54) Title: OPEN LUMEN STENTS



(57) Abstract: A stent may include a flexible, elongate body having a curled proximal portion, a curled distal portion, and a main portion extending between the proximal and distal portions. The main and distal portions together may define a channel laterally open throughout at least a part of the channel's length and extending along the main and distal portions without extending along the proximal portion, whereby the channel's proximal end is disposed in the main portion. In addition, the proximal portion may be curled away from the channel.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.